

831.2.05

3. Ensure that materials meet the requirements of Section 828 for retained coating and tensile strength ratio when tested with GDT 56 and GDT 66, respectively.
4. Do not use an additive that contains harmful ingredients or adversely alters the specified characteristics of the bituminous material when added in the recommended proportions.

B. Fabrication

General Provisions 101 through 150.

C. Acceptance

Test as follows:

Test	Method
Retained coating	GDT 56
Tensile strength ratio	GDT 66

D. Material Warranty

General Provisions 101 through 150.

831.2.05 Silicone Fluid

A. Requirements

Use silicone fluid that meets Federal Specification VV-D-1078B, Viscosity Grade 1,000. For a list of sources, see QPL 40.

B. Fabrication

General Provisions 101 through 150.

C. Acceptance

See Federal Specification VV-D-1078B.

D. Material Warranty

General Provisions 101 through 150.

Section 832—Curing Agents

832.1 General Description

This section includes the requirements for the following curing agents:

- Burlap or cotton fabric
- Sheet materials
- Membrane curing compound

832.1.01 Related References

A. Standard Specifications

General Provisions 101 through 150.

B. Referenced Documents

AASHTO M 148

AASHTO M 171

QPL 16

832.2 Materials

832.2.01 Burlap or Cotton Fabric

A. Requirements

1. Use burlap or cotton fabric that meets these requirements:
 - Burlap that is 10 to 18 oz./yd² (340 to 610 g/m²) or two layers of 6 or 7 oz./yd² (200 or 235 g/m²)
 - Cotton fabric that is white, loosely woven, and not less than 7 oz./yd² (235 g/m²)
 - Strips of burlap or cotton fabric that are between 3 and 6 ft (0.9 and 1.8 m) wide and 3 ft (1 m) longer than the width of the slab to be covered
2. Use burlap and cotton fabrics that do not contain starch or other material that could stain the concrete. If the fabric is new, soak and dry it before use.

For a list of sources, see QPL 16.

B. Fabrication

General Provisions 101 through 150.

C. Acceptance

General Provisions 101 through 150.

D. Materials Warranty

General Provisions 101 through 150.

832.2.02 Sheet Materials

A. Requirements

1. Use sheet material for curing concrete that meets AASHTO M 171 requirements.
2. Use waterproof paper that is white.
3. Use polyethylene film that is white opaque.
4. For curing bridge decks, use sheet material that is either a white burlap polyethylene sheet or a white co-polymer material coated over a layer of absorbent, non-woven, synthetic fabric.

Use sheet material that meets Specification reflection and moisture retention requirements.

B. Fabrication

General Provisions 101 through 150.

C. Acceptance

See the requirements under AASHTO M 171.

D. Materials Warranty

General Provisions 101 through 150.

832.2.03 Membrane Curing Compound

A. Requirements

Use liquid membrane-forming compounds that meet AASHTO M 148 requirements.

B. Fabrication

General Provisions 101 through 150.

C. Acceptance

See the requirements under AASHTO M 148.

D. Materials Warranty

General Provisions 101 through 150.